



B O A R D O F S T U D I E S
N E W S O U T H W A L E S

Metal and Engineering Curriculum Framework Modification History

All modifications that have been made to the Metal and Engineering Curriculum Framework (2006) are outlined below. Access the current version of the [Metal and Engineering](#) syllabus on the Board of Studies website.

Date	Section in Syllabus	Location	Page(s)	Change(s) to be made
October 2010 (MEM05v2.2)	Part A Syllabus	Section 8 & 15	19, 59, 81, 88, 91, 97, 103, 115	MEM12006C <i>Mark off/out (general engineering)</i> (25 HSC indicative hours) replaces MEM12006B <i>Mark off/out (general engineering)</i> . Changes have been made to: <ul style="list-style-type: none"> ▪ unit descriptor ▪ application of the competency ▪ evidence guide.
	Part B Syllabus	Introduction & unit of competency	5 & 186–191	
	Part A Syllabus	Section 8, 15 & 17	23, 49, 58, 73, 79, 92, 98, 104, 114	MEM07005C <i>Perform general machining</i> (50 HSC indicative hours) replaces MEM07005B <i>Perform general machining</i> .
		Section 8 & 15	23, 64, 76, 81, 88, 93, 99, 105, 115	MEM12007D <i>Mark off/out structural fabrications and shapes</i> (30 indicative hours) replaces MEM12007C <i>Mark off/out structural fabrications and shapes</i> .
		Section 15	37–88	Update qualification rules text for: <ul style="list-style-type: none"> ▪ Certificate I in Engineering (MEM10105) ▪ Certificate II in Engineering (MEM20105) ▪ Certificate II in Engineering – Production Technology (MEM20205) ▪ Certificate III in Engineering – Mechanical Trade (MEM30205) ▪ Certificate III in Engineering – Fabrication Trade (MEM30305) ▪ Certificate III in Engineering – Electrical/Electronic Trade (MEM30405) ▪ Certificate III in Jewellery Manufacture (MEM30605) ▪ Certificate III in Marine Craft Construction (MEM30705).
			89-94	Update terminology in summary table for MEM10105, MEM20105 and MEM20205: <ul style="list-style-type: none"> ▪ term <i>core</i> replaces term <i>mandatory</i> ▪ term <i>elective</i> replaces term <i>specialisation</i>.

Date	Section in Syllabus	Location	Page(s)	Change(s) to be made
October 2010 (MEM05v2.2) cont/d	Part A Syllabus	Section 15	71	Correct unit code for <i>Perform computations</i> from MEM12024B to MEM12024A.
	Part A Syllabus	Section 15	91, 97, 103	Correct unit code for <i>Operate as a team member to conduct manufacturing, engineering or related activities</i> from MEM16005B to MEM16005A.
	Part B Syllabus	Introduction	5	
	Part A Syllabus	Section 15 & 17	63, 78, 112	MEM05010C <i>Apply fabrication, forming and shaping techniques</i> (25 HSC indicative hours) replaces MEM05010B <i>Apply fabrication, forming and shaping techniques</i> .
			64, 78, 112, 113	MEM05037C <i>Perform geometric development</i> (35 HSC indicative hours) replaces MEM05037B <i>Perform geometric development</i> .
			48, 63, 78, 113	MEM05015D <i>Weld using manual metal arc welding process</i> (25 HSC indicative hours) replaces MEM05015C <i>Weld using manual metal arc welding process</i> .
			48, 63, 78, 113	MEM05017D <i>Weld using gas metal arc welding process</i> (25 HSC indicative hours) replaces MEM05017C <i>Weld using gas metal arc welding process</i> .
			48, 63, 78, 113	MEM05019D <i>Weld using gas tungsten arc welding process</i> (25 HSC indicative hours) replaces MEM05019C <i>Weld using gas tungsten arc welding process</i> .
			58, 79, 114	MEM07006C <i>Perform lathe operations</i> (25 HSC indicative hours) replaces MEM07006B <i>Perform lathe operations</i> .
			58, 79, 114	MEM07007C <i>Perform milling operations</i> (25 HSC indicative hours) replaces MEM07007B <i>Perform milling operations</i> .
58, 79, 114			MEM07008D <i>Perform grinding operations</i> (25 HSC indicative hours) replaces MEM07008C <i>Perform grinding operations</i> .	
114			Add MEM13003B as a prerequisite for MEM08002C <i>Pre-treat work for subsequent surface coating</i> .	
60, 69, 83, 116	MEM18049C <i>Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c.</i> (30 HSC indicative hours) replaces MEM18049B <i>Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c.</i>			